

Date: Monday, 2/11/2008 2:15:16 PM
 User: Kim Johnston

Process Sheet

Customer	: CU-DAR001 Dart Helicopters Services	Drawing Name	: GROMET
Job Number	: 37373		
Estimate Number	: 12819		
P.O. Number	:	Part Number	: D36191
This Issue	: 2/11/2008 S.O. No. :	Drawing Number	: D3619 REV A
Prsht Rev.	: NC	Project Number	: N/A
First Issue	: / / Type : PURCHASED PARTS	Drawing Revision	: A
Previous Run	: 32127	Material	:
Written By	:	Due Date	: 2/18/2008 Qty: 5 Um: Each
Checked & Approved By	: <u>08 02 11</u>		
Comment	: Est Rev: A New Issue 07-04-09 JLM		

Additional Product

Job Number:



Seq. #:	Machine Or Operation:	Description :
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1.0	9610K17	GROMMET
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Comment: Qty.: 1.0000 Each(s)/Unit Total : 5.0000 Each(s)
 GROMMET

2.0	PG	PURCHASING
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Comment: Issue P/O: 5666
 Purchase Part Number: 9610K17
 Supplier: MC MASTER CARR
 Certificate of conformity is required

C208/02/12 (5)

3.0	PACKAGING 1	PACKAGING RESOURCE #1
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Comment: PACKAGING RESOURCE #1
 Receive & Inspect For Transit Damage
 Ensure material certification is attached

C208/02/14 (5)

4.0	QC6	DIMENSIONAL CHECK
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Comment: DIMENSIONAL CHECK

C208/02/15 (X5)

5.0	PACKAGING 1	PACKAGING RESOURCE #1
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Comment: PACKAGING RESOURCE #1
 ****Remove supplier paperwork from box.*****
 Identify and Stock
 Location: 114 ST

C208/02/15 (5)

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: HD Date: 08/02/02

QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

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Drawing Name: GROMET

Job Number: 37373

Part Number: D36191

Job Number:



Seq. #:

Machine Or Operation:

Description :

6.0

QC21

FINAL INSPECTION/W/O RELEASE



(5)

Comment: FINAL INSPECTION/W/O RELEASE

2008/2/22

Job Completion



2008/2/19

(5)

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W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

QA: N/C Closed: _____ Date: _____

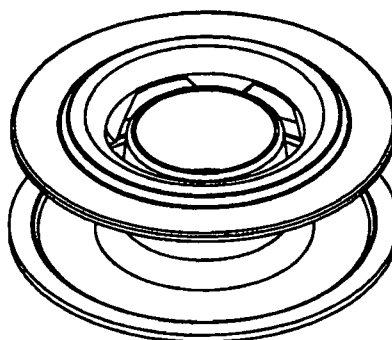
NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries



DESIGN <i>LE</i>	DRAWN BY <i>LE</i>	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED <i>PH</i>	APPROVED <i>[Signature]</i>	DRAWING NO. D3619	REV. A SHEET 1 OF 1
DATE 07.03.26		TITLE GROMMET	SCALE NTS
REV A	DATE 07.03.26	DESCRIPTION NEW ISSUE	

SPECIFICATION CONTROL DRAWING



RELEASED
07 04 02 #

D3619-X GROMMET,
WHERE X REPRESENTS THE GROMMET TRADE SIZE

DART P/N	TRADE SIZE	DESCRIPTION	HOLE SIZE	MAX. MTL THICKNESS	MCMaster CARR P/N
D3619-0	0	BRASS GROMMET W/ TEETH	1/4	0.110	9610K16
D3619-1	1	BRASS GROMMET W/ TEETH	9/32	0.120	9610K17
D3619-2	2	BRASS GROMMET W/ TEETH	3/8	0.150	9610K18
D3619-3	3	BRASS GROMMET W/ TEETH	7/16	0.230	9610K19
D3619-4	4	BRASS GROMMET W/ TEETH	1/2	0.300	9610K21

NOTES:

1) PURCHASE INFO: MCMaster-CARR P/N'S INCLUDE THE FOLLOWING:

48 GROMMETS FOR SIZE 0 & 1,
24 GROMMETS FOR SIZE 2, 3 & 4,
D3619-XT1 HOLE PUNCH,
D3619-XT2 STRIKER BLOCK,
D3619-XT3 PUNCH AND
D3619-XT4 DIE

2) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
3) ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED

SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. **37373**

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McMASTER-CARR®

300 Aurora Industrial Pkwy
Aurora, OH 44202-8087
953-995-5500
mc_sales@mc-master.com

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury ON K6A 1K7
Canada
Attention: Main Finished Goods Location

Purchase Order
PO00005666

McMaster-Carr Number
6180186-01

Page 1 of 1

02/12/2008

Part	Description	Ordered	Shipped	A82
9610K17	Tool-Installed Brass Grommet Kit, with Teeth Washer, Trade Size 1, 9/32" Hole Size, 48 Grommets	5 Each	5	2 - 41 - 02 03 - 22 K17 5EA 5
9433T1	15-Amp Outlet Strip with Protective Cover, 5 Outlets, on/Off Switch, 15-1/4" L	2 Each	2	2 - 215 2
2617T24	Thick Silicone Rubber Sheet, 1" Thick, 12" X 12", 50a Durometer	1 Each	1	2 - 245 3
2157K14	High-Temperature Tin-Plated Steel Air Filter, 2" Thick, 16" X 20"	2 Each	2	8 - 93 4

Shipped separately from our Cleveland warehouse on 02/12

71195K71	Cabinet-Mount Outlet Strip, 15-Amp, 10 NEMA 5-15 Outlets, 15' Cord, 48" Length	1 Each	1	CY 208/02/14
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Certificate of compliance

This is to certify that the above items were supplied in accordance with the description and as illustrated in the catalog.

Jason Wolfe

Jason Wolfe
Compliance Manager

Dart Aerospace Ltd

Assembly
Area

82

Circle

24

Shelf

207

Documents

4

EXP



23 lbs
4 lines

FW1BSP55
02/12/2008
09:33/10:02
012



8004334729623